

# ISMS<sup>2018</sup>

VI International Symposium on Marine Sciences

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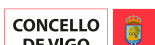
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METADATA MANAGEMENT AND OCEAN  
OBSERVATION TECHNOLOGIES



VI INTERNATIONAL SYMPOSIUM  
ON MARINE SCIENCES 2018

Universidade de Vigo



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**PROYECTO PAMEV: A NEW VIRTUAL AND FREE ACCESS TOOL FOR THE STUDY OF THE CLIMATIC EVOLUTION OF THE NORTH ATLANTIC**

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**Abstract:** The Project: Paleontología de la Macaronesia, Espacio Virtual, PAME, is a new and free access tool for the study and the understanding of the climatic and ecological evolution of the north western Atlantic, through the virtual musealisation of singular outcrops and fossil remains from the Canary Island and the region of Macaronesia. In the Canaries, those materials represent the last 20 millions of years of the Earth's history, which had been reflected the most important climatic milestones from the Pliocene, Pleistocene and Holocene of the north hemisphere.

After two years, with the support of Ministerio de Economía y Competitividad del Gobierno de España and Biblioteca de la Universidad de Las Palmas de Gran Canaria, the working group of the Project PAMEV have developed the virtual museum PAMEV, hosted in the web page of Biblioteca de la Universidad de Las Palmas de Gran Canaria ([https://biblioteca.ulpgc.es/proyecto\\_pamev](https://biblioteca.ulpgc.es/proyecto_pamev)). Those results are based on

- Systematic and Taxonomical Studies on the marine and terrestrial fossil collections of the Universidad de Las Palmas de Gran Canaria and Museo Canario
- Paleocological reconstructions of the most representative paleoecosystems
- Development of a fund o paleontological bibliographic references
- 3D modeling of fossil specimen and outcrops

This web tool is aimed to the dissemination of the scientific knowledge in the areas of palaeontology, palaeoclimatology and palaeoceanography, between professional researchers and the general public.

**Key words:** Palaeontology, Paleoclimatology, Palaeoceanography, Virtual Museum, western Atlantic